

CARBON PASTE AND CURED MATERIAL THEREOF

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Abstract of JP58134163

PURPOSE: Carbon paste useful for a cured material such as a printed resistor on a flexible substrate, having improved printability, adhesivity to a substrate, and folding characteristics, comprising carbon powder, a polyurethane, a polyfunctional blocked isocyanate compound, etc.

CONSTITUTION: (A) Carbon powder consisting of carbon black or graphite powder or a mixture of the two is blended with (B) a polyurethane, a reaction product of (i) a polyester compound and (ii) a polyfunctional isocyanate compound (e.g., tolylene diisocyanate, etc.), (C) a polyfunctional blocked isocyanate compound (e.g., one shown by the formula, etc.) and (D) a solvent (e.g., xylene, etc.), to give the desired paste.

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